

## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

### Listing of Claims:

1 (currently amended). A remote controller system which enables a terminal device to control a device through a network, comprising:

a first server operable to communicate with the terminal device through the network, and generate device control data for controlling the device based on a request from the terminal device; and

a second server operable to acquire and store a latest ip address of the device on the network by communicating with the device at predetermined time intervals, the second server receiving the device control data from the first server, generating first transmission data including the device control data, and transmitting the first transmission data to the device in accordance with the stored latest ip address of the device.

2 (currently amended). The remote controller system according to claim 1, wherein the first server comprises:

a data storage operable to store control information that is information necessary to control an operation of the device;

a display data generator operable to generate display data that allows the terminal

device to display the control information; and

a control data generator operable to generate the device control data in response to a request from the terminal device,

the second server comprises:

an address storage operable to store an ip address of the device on the network;

an address generator operable to generate an ip address of the device controlled according to the device control data with reference to the stored ip address, [[and]] based on the device control data received from the first server; and

a transmission data generator operable to generate the first transmission data including the ip address of the device and the device control data to the device, and transmit the first transmission data to the device [[,]] ; and

the device comprises:

a section operable to extract the device control data from the first transmission data; and

a section operable to control the operation of the device based on the extracted data for device control.

3 (currently amended). The remote controller system according to claim 1, wherein

the device comprises:

a section operable to detect a status of a target to be controlled in the device; and

a section operable to generate second transmission data including status information that is information on the detected operating status, and transmit the second

transmission data to the second server,

the second server comprises:

a section operable to extract the status information from the second transmission data received from the device; and

a section operable to generate third transmission data including the extracted status information, and transmit the third transmission data to the first server, and

the first server comprises a section operable to extract the status information from the third transmission data received from the second server, and generate the display data using the extracted status information.

4 (currently amended). The remote controller system according to claim 1, wherein the device is a video recording and reproducing apparatus, and

the device control data is information about programs, and is timer recording data for allowing timer recording to be conducted for a designated program at a designated time in accordance with the request from the terminal.

5 (currently amended). The remote controller system according to claim 1, wherein the device is a temperature controlling apparatus, and

the device control data is data for controlling temperature, ~~and is data for controlling a~~ temperature of the temperature controlling apparatus.

6 (currently amended). The remote controller system according to claim 1, wherein

functions into which a function of the first server and a function of the second server are integrated are provided by at least three or more servers.

7 (canceled).

8 (currently amended). A remote control system method for enabling a terminal device to control a device through a network, the method comprising:

using a first server to acquire and store ~~acquiring and storing~~ a latest ip address of the device on the network by communicating with the device at predetermined time intervals [[,]] ;  
and

using a second server to communicate ~~communicating~~ with the terminal device through the network, ~~generating~~ generate device control data for controlling the device based on a request from the terminal device, ~~generating~~ generate first transmission data including the device control data, and ~~transmitting~~ transmit the first transmission data to the device in accordance with the stored latest ip address of the device.

9 (currently amended). The remote control system method according to claim 8, comprising:

storing control information that is information necessary to control an operation of the device, and generating display data for allowing the terminal device to display the control information [[,]] ;

generating the device control data in response to a request from the terminal device, and

generating an ip address of the device controlled by the device control data with reference to the stored ip address and based on the device control data [[,]] ;

generating the first transmission data including the ip address of the device and the device control data, and transmitting the first transmission data to the device [[,]] ; and

controlling the operation of the device based on the device control data included in the first transmission data.

10 (currently amended). The remote control system method according to claim 8, further comprising detecting an operating status of the device, receiving the transmission data including status information that is information on the detected operating status of the device from the device, extracting the status information from the transmission data thus received, and generating the display data using the extracted status information.

11 (currently amended). The remote control system method according to claim 8, wherein the device is a video recording and reproducing apparatus, and the device control data is information about programs.

12 (currently amended). The remote control system method according to claim 8, wherein the device is a temperature controlling apparatus, and the device control data is information for designating a temperature.

13 (currently amended). A remote-controlled device controlled by the remote control

system method according to claim 8, wherein the device control data is information about programs.

14 (currently amended). A remote-controlled device controlled by the remote control system method according to claim 8, wherein the device control data is information for designating a temperature.